

EXHIBIT [6] -
Shumer Deposition
Transcript
(public document)

1 UNITED STATES DISTRICT COURT

2 MIDDLE DISTRICT OF NORTH CAROLINA

3 - - - - - x

4 VICTOR VOE, by and through his parents
5 and next friends, Vanessa Voe and Vance
6 Voe; et al.,

7 Plaintiffs,

8 CASE NO:1:23-cv-864

9 -against-

10 THOMAS MANSFIELD, in his official
11 capacity as Chief Executive Officer
12 of the North Carolina Medical Board, et al,

13
14 Defendants,

15
16 and

17
18 PHILIP E. BERGER, in his official
19 capacity as President Pro Tempore of
20 the North Carolina Senate, and
21 Timothy K. Moore, in his official
22 capacity as Speaker of the North
23 Carolina House of Representatives,

24
25 Intervenor-Defendants

- - - - - x

REMOTE DEPOSITION

August 22, 2024

9:30 A.M. - 4:10 P.M.

EXAMINATION BEFORE TRIAL OF DANIEL
SHUMER, MD, taken pursuant to Court Order, and
held at the above-noted time and place before
Barbara A. Hightower, a Notary Public of the
State of New York.

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1 Q So Tanner Stage 1 would be
2 prepubertal; is that correct?

3 A It is correct. I think just for
4 clarity, Tanner staging is a physical exam
5 finding; so Tanner Stage 1, if we're talking
6 about breast development, is no breast
7 development. Tanner Stage 2, is breast buds.
8 Tanner Stage 1 for testicular enlargement is
9 no testosterone enlargement pass 4 cc's.
10 Tanner Stage 2 is testicular enlargement
11 beyond 4 cc's. So Tanner staging, to be
12 clear, is a physical exam finding which
13 represents the start of puberty.

14 Q Let's go back.

15 So are natal females who receive puberty
16 blockers at Tanner Stage 2 unlikely to later
17 require surgical removal of breast tissue?

18 MS. McKEE: Objection.

19 Form.

20 A So it depends on what happens
21 after they receive GNRH agonist. They would
22 be at Tanner Stage 2. If that hypothetical
23 patient continued GNRH agonist therapy and
24 then in later adolescence starting
25 testosterone and continued testosterone and

1 never underwent endogenous puberty pass stage
2 Tanner Stage 2, then yes, they would be
3 unlikely to require a masculinizing chest
4 surgery to treat gender dysphoria because they
5 would not have developed breasts.

6 Q So for those natal females who
7 receive puberty blockers at Tanner Stage 2,
8 then receive testosterone, is it correct that
9 zero percent of them will need surgery to
10 remove their breast tissue as a treatment for
11 gender dysphoria?

12 MS. McKEE: Objection.

13 Form.

14 A I don't like talking in absolutes
15 like zero percent, because I think that the
16 medicine doesn't really work that way, but my
17 expectation is that someone that followed that
18 treatment pathway would not require a
19 masculinizing chest surgery.

20 Q So you would not say zero
21 percent?

22 A I don't think I would say zero
23 percent about any medical question that you
24 would ask about anything, but that would be my
25 expectation, that they would not require

1 Q Do you agree that gender identity
2 is a deeply felt internal intrinsic sense of
3 self?

4 A Yes.

5 Q A minute ago you said gender
6 identity involving belonging to a particular
7 sex. Do some people view themselves as
8 belonging to multiple sexes?

9 A More commonly people identify as
10 one sex -- as part of one sex or the other.
11 Some people have a gender identity that does
12 not fall into that binary category.

13 Q Is determining someone's gender
14 identity, take place as a formal bio
15 psychosocial interview conducted by trained
16 professionals to use their clinical training
17 and judgment as part of that process?

18 MS. MCKEE: Objection, form.

19 THE WITNESS: I'm sorry. Can
20 you repeat that?

21 Q Just to make this easier, let's
22 turn to Exhibit 2 which was your Rebuttal
23 Report.

24 A Okay.

25 Q Once you pull it up, turn to page

1 A Okay.

2 Q So on S252, it says Appendix B
3 Glossary?

4 A Yes.

5 Q So is this a glossary that D-2022
6 WPATHS Standards provided about different
7 terms?

8 A Yes.

9 Q Is one of those terms
10 non-binary?

11 A Yes.

12 Q So the last line in the non-binary
13 definition, do you see where it says "examples
14 of non-binary gender ideas are gender queer,
15 gender-diverse, gender-fluid, demi-gender,
16 bi-gender and a-gender?

17 A Yes.

18 Q And do you agree that those are
19 examples of non-binary gender identities?

20 A Yes.

21 Q And gender fluid individuals are
22 individuals who have a gender that changes
23 over time, correct?

24 A Yes.

25 I would say that maybe more precisely.

1 Their understanding of their gender identity
2 changes over time. But the word fluid,
3 meaning changes, to me means precisely that
4 the person's description of their gender
5 identity changes over time.

6 Q So sometimes their understanding
7 may be that they're male and sometimes that
8 they're female, and sometimes something
9 different?

10 A Yes.

11 Q All right. Let's turn to S-77 in
12 this document?

13 A I'm there.

14 Q Do you see on the upper left where
15 it says "some research has found children may
16 experience gender fluidity or even
17 detransition after initial social
18 transition"?

19 A Yes.

20 Q Do you agree that some research
21 has found children may experience gender
22 fluidity or even detransition after an initial
23 social transition?

24 A My experience and from my
25 understanding of the literature, that

1 possibility.

2 Q All right. Let's go to page 189.

3 A Okay.

4 Q Do you see where -- it's in the
5 paragraph before pertaining to consent for
6 treatment. Where Dr. Olson-Kennedy authors,
7 say that "the impact of puberty blockers
8 administered to minors" quote "in early
9 puberty and less than 12 years of age has not
10 been published."

11 A I see that, yes.

12 Q Do you agree that the impact of
13 puberty blockers administered to minor in
14 early puberty and less than 12 years of age
15 has not been published?

16 A This sentence comes from the fact
17 that the initial Dutch protocol that was
18 published used age cut-offs rather than
19 developmental stage cut-offs in terms of
20 prescribing, and their criteria was Tanner
21 Stage 2 and 12 years of age. So the longest
22 longitudinal data that we have involves
23 patients that received GNRH agonist starting
24 at at least age 12.

25 I don't know that I can give you

1 citations of studies that included patients
2 younger than age 12, and so therefore I can't
3 claim to say that the sentence is false.

4 Q So can you provide any citations
5 to patients younger than age 12?

6 A I can't right now, no.

7 Q All right. Let's go back to your
8 Affirmative Report which is Exhibit 1. We're
9 going to go to page 26.

10 So looking at this, do medical
11 conditions such as delayed puberty and
12 hypogonadism require treatment with
13 hormones?

14 A They may, yes.

15 Q Does the failure to progress
16 through puberty normally have serious medical
17 and social consequences?

18 MS. McKEE: Objection.
19 Form.

20 A Sorry. Can you ask that question
21 again, please.

22 Q Does the failure to progress
23 through puberty, normally have serious medical
24 and social consequences?

25 MS. McKEE: Same

1 will either be their endogenous puberty, as
2 GNRH agonist are withdrawn, or it would be a
3 puberty that aligns with the sex that they
4 identify with when they were provided the
5 testosterone or estrogen.

6 Leaving someone in a permanent
7 prepubital state would not be healthy for
8 someone physically or socially. And so I
9 think just like patients that have
10 hypogonadism or delayed puberty, the patient,
11 their parents, the provider, we're thinking
12 about all these factors: Physical health,
13 social health, emotional health, when making
14 decisions about the timing of medical
15 interventions and the timing of puberty.

16 Q So do you see -- and we have been
17 talking about this, where your report says
18 "testosterone or estrogen treatment", "These
19 patients to be unable to progress through
20 puberty normally which would have serious
21 medical and social consequences."

22 Is that what you wrote?

23 A Yes.

24 Q And do you agree with that
25 statement?

1 A I think that's -- my answer to
2 your last question was my way of saying yes, I
3 agree with that statement and with the context
4 that I provided, in addition.

5 Q Okay. So, is one example with
6 having the physical appearance of and immature
7 11 year old in high school presents emotional
8 and social challenges?

9 A It may, yes.

10 Q All right. Let's go back to
11 Exhibit 6, which was the UCFS pdf. We're
12 going to go to page 191.

13 Do you see at the end under Gender
14 Affirming hormones, Part II, the line "Having
15 the physical appearance of a sexually immature
16 11 year old in high school can cause" -- "can
17 present emotional and social challenges that
18 are amplified by a gender dysphoria."

19 A Yes. Yes, I see that sentence.

20 Q Do you agree that "having the
21 physical appearance of a sexually immature 11
22 year old in high school, can present emotional
23 and social challenges that are amplified by
24 gender dysphoria?

25 A I certainly think that's possible.

1 development, that they may have experienced
2 some of that secondary sex characteristic
3 development and had associated distress, as it
4 was in line with their gender identity, and
5 that treatment with a medical intervention may
6 be indicated; however, that hasn't been my
7 experience.

8 My experience working with non-binary
9 individuals has been more commonly that a
10 patient is expressing their difference in
11 gender identity with non-medical
12 interventions, and those non-medical
13 interventions are helpful, and a medical
14 intervention isn't indicated.

15 Q Would those non-medical
16 interventions include psychotherapy?

17 A That wasn't what I was thinking of
18 when I said non-medical interventions. I was
19 thinking of elements of social transition, the
20 way that a person expresses themselves through
21 their names, pronouns, clothes, or
22 presentation to the world.

23 I think of psychotherapy as something
24 that is potentially helpful for one, including
25 and especially teenagers, and including and

1 especially teenagers that are early struggling
2 with elements of their identity; but that
3 someone with a non-binary identity, I wouldn't
4 expect that non-binary identity or any
5 distress associated with that non-binary
6 identity to dissipate with psychotherapy. And
7 I might expect psychotherapy to be helpful in
8 providing creative ways to allow that young
9 person to thrive in the context of their
10 non-binary gender identity.

11 Q Have you ever provided
12 testosterone or estrogen as a gender dysphoria
13 treatment for a non-binary minor?

14 A I don't know that I can answer
15 that question specifically. I would tell you
16 that if someone identified as non-binary and
17 said that neither male nor female gender fits
18 me, I'm identifying right in the middle, that
19 that would not be someone that would meet my
20 diagnostic criteria for treatment of gender
21 dysphoria, and eligibility for treatment with
22 estrogen or testosterone; and I have not
23 treated someone with that particular story
24 with testosterone or estrogen. But each
25 individual patient's description of their

1 So, let's dive into Exhibit 11, McNamara
2 2024 a little bit more. And so we're going to
3 pull up Exhibit 11 and turn to page 15?

4 A Okay.

5 A 15?

6 Q 15, yes.

7 A Okay.

8 Q Do you see about in the middle of
9 the page where it says that puberty pausing
10 medications are nearly always part of a stage
11 process that includes other treatments?

12 A I do see that. But if you don't
13 mind, can I just read that paragraph to myself
14 before?

15 Q Yes, of course?

16 A Okay, thank you. Okay, thank you.

17 Q No problem. Do you agree that
18 puberty blockers are nearly always part of a
19 stage process that includes other
20 treatments?

21 A I agree to the extent that puberty
22 blockers are not prescribed in isolation,
23 right. The patient receiving puberty blockers
24 is also being supported by their family,
25 perhaps being supported by mental health

1 professional. They are likely -- the majority
2 of patients prescribed puberty blockers will
3 be eligible for testosterone and estrogen
4 treatments.

5 And so the point that the paragraph is
6 making is that trying to isolate each
7 individual component of what really is a
8 Complex Model of Care, is challenging and may
9 be not the outcome that is most important.

10 I think the other thing just to know
11 about puberty pausing medications is that they
12 refer to here is that they really -- I
13 wouldn't expect the puberty pausing
14 medication, or the GnRH agonist, to lead to
15 resolution of gender dysphoria. Rather, it's
16 being used as a bridge to making the next
17 decision which may be testosterone or
18 estrogen. And so I would expect someone on
19 pubertal suppression to not have progression
20 of gender dysphoria, but there is no affirming
21 changes happening during that time.

22 So, I'm trying to isolate blockers and
23 come away with conclusions in a vacuum, is
24 challenging and maybe not the right question
25 to be asking. So I think that's what Dr.

1 McNamara was saying in that paragraph.

2 Q Thank you. Are puberty blockers a
3 treatment that has only been more readily
4 available for gender-affirming purposes over
5 the past eight to ten years?

6 A I think it depends on where you
7 live.

8 Q And so here, the article says --
9 and I'm not -- just the folks with the article
10 says here, "Further the review expects an
11 abundance long-term data on treatments that
12 have only been more readily available for
13 gender affirming purposes over the past eeight
14 to ten years?"

15 A Yes.

16 Q Do you -- have they -- have
17 puberty blockers been a treatment that's only
18 been more readily available in Michigan, for
19 example, over the past eight to ten years?

20 A Yes.

21 Q Have you set up -- if I remember
22 correctly, did you help start the clinic where
23 you work at now develop in 2015?

24 A Yes.

25 Q Let's move on to page 5. This is

1 think is really important when we're talking
2 about individual patients and families.

3 Q Okay. And for your patients, have
4 you had any patients who started puberty
5 suppression early in Tanner Stage 2, then took
6 cross-sex hormones for several years, and then
7 later had a biological child?

8 A I have not had that experience.

9 Q At your clinic would you -- sorry.
10 Do your clinic or anyone else at the
11 University of Michigan perform gonadectomies
12 on minors as a treatment for gender
13 dysphoria?

14 A No.

15 Q If a patient came to you and said
16 I want you to perform a gonadectomy on my
17 child, would you allow the parent to make that
18 decision for the child?

19 A I don't perform gonadectomies on
20 anyone because I'm not a surgeon, but I think
21 your point is would I recommend gonadectomy?
22 My personal view is no. But I think that I
23 have a hard time stating that absolutely;
24 because again I like to leave room for the
25 fact that these are very individual decisions,

A C K N O W L E D G E M E N T

I, DANIEL SHUMER, M.D. hereby certify that I have read the transcript of my testimony taken under oath on August 22, 2024, that the transcript is a true, complete and correct record of what was asked, answered and said during my testimony under oath, and that the answers on the record as given by me are true and correct.

9/26/2024

DATE

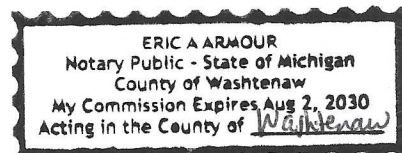


DANIEL SHUMER, M.D.

Sworn to before me, this 26th
day of September, 2024.



Notary Public



Page	Line	CHANGE/CORRECTION	REASON
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[illegible]

DATE _____

Voe v. Mansfield, No. 1:23-cv-864
Deposition of Daniel Shumer, M.D., August 22, 2024
Errata Sheet

Page	Line	Change	Reason
10	20-21	change "North Carolina" to "North Dakota"	transcription error
11	10	change "prohibited" to "prohibiting"	transcription error
14	8	change "Atkins" to "Adkins"	transcription error
17	6	change "Atkins, Dr. Dan Kurasic" to "Adkins, Dr. Dan Karasic"	transcription error
17	11-12	change "Mr. Michael" to "Dr. Michael"	transcription error
19	19	change "Motts" to "Mott"	transcription error
19	25	change "Motts" to "Mott"	transcription error
20	5	change "Motts" to "Mott"	transcription error
20	6	change "there for" to "therefore"	transcription error
20	22	change "adolescence" to "adolescents"	transcription error
20	23	change "includes" to "including"	transcription error
21	2	change "Pediatricic" to "Pediatrics"	transcription error
21	3	change "lextures" to "lectures"	transcription error
22	25	change "endocrinologist" to "endocrinology"	transcription error
23	13	change "making" to "make"	transcription error
23	21	change "bio psycho social" to "biopsychosocial"	transcription error
23	24	change "collateral" to "collaterals"	transcription error
23	24	change "therapist" to "therapists"	transcription error
24	10	change "have new" to "have a new"	transcription error

27	18	change "impulses" to "in pulses"	transcription error
27	21	change "impulses" to "in pulses"	transcription error
28	8	change "test" to "tests"	transcription error
28	10	change "is" to "has"	transcription error
28	16	change "stipulates" to "stimulates"	transcription error
28	23	change "breasts" to "breast"	transcription error
29	7	change "mean" to "means"	transcription error
29	17	change "ec cetera" to "et cetera"	transcription error
31	17	change "Is" to "Does"	transcription error
32	5	change "prepubital?" to "prepubertal."	transcription error
33	6	change "maybe" to "may be"	transcription error
33	12	change "your" to "who are"	transcription error
33	16-17	The transcript is incorrect, but I cannot remember the exact wording of the question.	transcription error
34	14	change "would" to "when"	transcription error
34	16	change "minor" to "minor's"	transcription error
34	23	change "an identification" to "and identification"	transcription error
34	25	change "pychotherapy" to "psychotherapy"	transcription error
35	5	change "pychotherapy" to "psychotherapy"	transcription error
36	11	change "persist" to "persists"	transcription error
37	4	change "peri-pubital" to "peri-pubertal"	transcription error
37	5	change "two-thirds of" to "two-thirds are"	transcription error
37	6	change "pubital" to "pubertal"	transcription error

37	12	change "ascend" to "assent"	transcription error
39	13	change "nine years old" to "nine-year-old"	transcription error
39	23	change "to minor" to "to a minor"	transcription error
40	11	change "pubital" to "pubertal"	transcription error
40	15	change "dominizing" to "feminizing"	transcription error
42	19	change "declined" to "inclined"	transcription error
43	1	change "pass" to "past"	transcription error
43	16	change "pass" to "past"	transcription error
45	9	change "testosterone enlargement pass" to "testicular enlargement pass"	transcription error
45	24	change "starting" to "started"	transcription error
46	1	change "pass" to "past"	transcription error
46	15-16	change "that the medicine" to "that medicine"	transcription error
51	12	change "identify" to "identity"	transcription error
52	6	change "involving" to "involved"	transcription error
53	5-6	change "bio psycho-social" to "biopsychosocial"	transcription error
53	7	change "professionals to" to "professionals who"	transcription error
53	8	change "in judgment" to "and judgment"	transcription error
54	9	change "there is" to "there are"	transcription error
54	21	change "feelings" to "feeling"	transcription error
54	23	change "adolescent" to "adolescents"	transcription error
56	20	change "terms" to "term"	transcription error
56	23	change "themselves" to "themselves"	transcription error

57	14	change "WPATHS" to "WPATH"	transcription error
58	5-6	change "D-2022 WPATHS" to "the 2022 WPATH"	transcription error
58	14	change "ideas" to "identities"	transcription error
60	2	change "prepubital" to "prepubertal"	transcription error
60	4	change "ways" to "way"	transcription error
61	24	change "just asked about that." to "just asked about."	transcription error
63	6-7	change "that sort of" to "that are sort of"	transcription error
63	8	change "WPATHSS" to "WPATH's"	transcription error
63	10	change "Societies" to "Society's"	transcription error
64	2	change "is" to "does"	transcription error
64	10	change "transgender" to "transdermal"	transcription error
65	3	change "safety in" to "safety and"	transcription error
65	22	change "a" to "the"	transcription error
66	6	change "in some" to "in sum"	transcription error
66	9-10	change "depression anxiety rates" to "depression and anxiety rates"	transcription error
66	11	change "include" to "includes"	transcription error
67	13-14	change "expect that elective treatment" to "expect that effective treatment"	transcription error
67	21	change "stress" to "distress"	transcription error
67	22	change "associated with a gender dysphoria" to "associated with gender dysphoria"	transcription error
68	21	change "UCFS" to "UCSF"	transcription error

69	11	change “means to me. They’re both” to “means to me – they’re both”	transcription error
69	12	change “collects” to “collect”	transcription error
69	16	change “UCFS” to “UCSF”	transcription error
69	24	change “UCFS” to “UCSF” both places it appears	transcription error
70	14	change “as was” to “as it was”	transcription error
70	21	change “UCFS” to “UCSF”	transcription error
73	4	change “in” to “and”	transcription error
73	10	change “parenthesis” to “parentheses”	transcription error
73	22	change “Hormones” to “Hormone”	transcription error
74	11	change “adolescent” to “adolescents”	transcription error
74	21	change “D-1” to “51”	transcription error
77	6	change “Steven” to “Stephen”	transcription error
77	7	change “West” to “Wesp”	transcription error
77	17	change “to” to “for”	transcription error
78	7	remove quotation mark	transcription error
78	8	remove first quotation mark (after the word minors)	transcription error
78	13	change “minor” to “minors”	transcription error
78	19	change “cuf-offs” to “cut-offs”	transcription error
80	7	change “that assigned” to “that are assigned”	transcription error
81	2	change “agonist” to “agonists”	transcription error
81	7	change “prepubital” to “prepubertal”	transcription error

81	18	“testosterone or estrogen treatment” to “without testosterone or estrogen treatment”	transcription error
81	19	change “patients to” to “patients would”	transcription error
82	6	change “and” to “an”	transcription error
82	11	change “UCFS” to “UCSF”	transcription error
84	17	change “in” to “and”	transcription error
85	10-11	change “for the of gender disorder” to “for the diagnosis of gender dysphoria”	transcription error
85	12	change “and that” to “and met”	transcription error
86	20	change “Kleinfelder” to “Klinefelter”	transcription error
87	24	change “resolving” to “resulting”	transcription error
89	6	change “Activity” to “Activities”	transcription error
89	9	change “North Carolina” to “North Dakota”	transcription error
90	6	change “worked” to “works”	transcription error
92	8-9	change “assessment and this being done in the model.” to “assessment being done in this model.”	transcription error
92	10	change “model care” to “model of care”	transcription error
92	11-12	change “commonly more common” to “more common”	transcription error
93	1	change “WPATHS” to “WPATH’s”	transcription error
93	5	change “Is” to “Does”	transcription error
94	9	change “adolescent” to “adolescents”	transcription error
95	8	change “inperson” to “in-person”	transcription error
98	15	change “dis-formed (phonetic)” to “dysphoric”	transcription error

98	24	change "Parenhood" to "Parenthood"	transcription error
100	13	change "testies" to "testes"	transcription error
100	17	change "testies" to "testes"	transcription error
100	21	change "testies" to "testes"	transcription error
101	4	change "Some individuals, the" to "Some individuals with a"	transcription error
101	8	change "of the" to "with a"	transcription error
101	12	change "of the" to "with a"	transcription error
101	22	change "testies" to "testes"	transcription error
102	7	change "DST" to "DSD"	transcription error
102	12	change "DST" to "DSD"	transcription error
102	16	change "with" to "without"	transcription error
103	15	change "woman" to "women"	transcription error
104	7	change "nanogram" to "nanograms"	transcription error
104	17	change "label" to "labeled"	transcription error
104	25	change "which is" to "with"	transcription error
105	16	change "getting" with "giving"	transcription error
106	20	change "is" to "as"	transcription error
107	9	change "endo-tumor, as pre-baked (phonetic)" to "endo-tumor is pretty general"	transcription error
107	10	change "is" to "are"	transcription error
107	12	change "woman" to "women"	transcription error
107	15	change "Laidlaw" to "Laidlaw's"	transcription error

108	6	change “woman with endocrine-secreting tumor” to “women with endocrine-secreting tumors”	transcription error
108	7	change “suppose” to “supposed”	transcription error
108	10	change “woman” to “women”	transcription error
109	2	change “terms of subject contention” to “terms are a subject of contention”	transcription error
109	25	The transcript is incorrect, but I cannot remember the exact wording of the question.	transcription error
110	21-22	change “where he say ‘Tanner etal demonstrate” to “where you say ‘Caanen et al. demonstrated”	transcription error
110	23	change “woman” to “women”	transcription error
112	16	change “of gender” to “for gender”	transcription error
113	8	change “visualized” to “individualized”	transcription error
113	13	change “dysphoria” to “dysphoric”	transcription error
114	4	change “was in line” to “was not in line”	transcription error
114	21	change “names” to “name”	transcription error
114	24	change “one” to “everyone”	transcription error
115	1	change “early” to “really”	transcription error
117	19	change “exist” to “exists”	transcription error
118	16	change “perimeters” to “parameters”	transcription error
119	6	change “Aide” to “VIII”	transcription error
119	7	change “Yes.” to “No.”	transcription error
121	15	change “or” to “with”	transcription error
121	23	change “worthless” to “worse”	transcription error

121	24	change “amount” to “amounts”	transcription error
124	19	change “summary, gender-affirming” to “summary, banning gender-affirming”	transcription error
132	2	change “forwards” to “forward”	transcription error
132	6	change “rating” to “grading”	transcription error
133	13	change “if” to “have”	transcription error
134	12	change “site” to “cite”	transcription error
137	5	change “this 7 th of” to “this is the 7 th version of”	transcription error
137	18	remove quotation mark	transcription error
137	21	remove quotation mark	transcription error
139	11	change “different” to “given”	transcription error
140	4	change “parenthesis” to “parentheses”	transcription error
141	20	change “old” to “olds”	transcription error
142	8	change “adolescents” to “adolescent”	transcription error
142	9	change “old” to “olds”	transcription error
142	16	change “year-olds?” to “year-olds.”	transcription error
143	17	change “criticizing” to “criticism”	transcription error
144	9	change “relationship” to “recency”	transcription error
145	14	change “Harrington” to “Karrington”	transcription error
145	18	change “genderl identity of” to “gender identity and”	transcription error
146	21	change “adolescence” to “adolescents”	transcription error
147	7	change “bio psychosocial” to “biopsychosocial”	transcription error
147	22	change “he’s” to “she’s”	transcription error

147	23	change "persistent" to "persistence"	transcription error
148	13	change "Harrington" to "Karrington"	transcription error
148	21	change "persistence" to "provision"	transcription error
151	19	change "begin" to "begins"	transcription error
151	20	change "belies" to "aligns"	transcription error
152	9	change "is received treatment and then say" to "has received treatment and then said"	transcription error
153	22	change "pretend-sphill" to "pretend-spiel"	transcription error
154	12	change "cast" to "Cass"	transcription error
154	20	change "A" to "Q"	transcription error
155	12	change "in" to "and"	transcription error
156	6	change "would not considered" to "would not have considered"	transcription error
158	23	change "idealogical" to "ideological"	transcription error
161	7	change "Dr. Jansen" to "Dr. Janssen"	transcription error
161	9	change "Woodman" to "Whitman"	transcription error
163	9-10	change "Erin Jensen" to "Aron Janssen"	transcription error
163	13	change "Dr. Jensen" to "Dr. Janssen"	transcription error
166	13	change "suggest" to "suggests"	transcription error
167	10	change "stage" to "staged"	transcription error
167	19	change "stage" to "staged"	transcription error
167	25	change "supported by mental" to "supported by a mental"	transcription error
168	22	change "I'm" to "in"	transcription error

168	23	change "is" to "it's"	transcription error
169	11	change "abundance long" to "abundance of long"	transcription error
169	13	change "eeight" to "eight"	transcription error
170	6	change "adolescent" to "adolescents"	transcription error
170	20	add "Q" to the start of the line	transcription error
173	18	change "for" to "or"	transcription error
173	19	change "treatment (phonetic) to" to "treatment of"	transcription error
173	24	change "Reviews" to "Review's"	transcription error
176	18	change "hormone" to "hormonal"	transcription error
177	21	change "there is a 20" to "there is 20"	transcription error
178	2	change "there is clues that -- genetic" to "there are clues that -- genetics"	transcription error
178	23	change "Heylends" to "Heylens"	transcription error
179	18-19	change "generate (inaudible)," to "gender,"	transcription error
180	19	change "L-2020" to "et al. 2020"	transcription error
180	21	change "do but a butter" to "do you have a better"	transcription error
181	13	change "do" to "does"	transcription error
181	14	change "Section" to Sex"	transcription error
181	15	change "Hormone" to "Hormones"	transcription error
182	20	change "anatomy in" to "anatomy and"	transcription error
183	8	change "have DSD" to "have a DSD"	transcription error
184	6	change "is" to "are"	transcription error

184	15	change "the" to "there"	transcription error
185	24	change "hormone" to "hormones"	transcription error
187	18	change "distressed" to "distressing"	transcription error
188	5	change "stressing" to "distressing"	transcription error
188	6	"per seven years" to "for seven days"	transcription error
188	22	change "etal" to "et al."	transcription error
189	10	change "CASS Report" to "case report"	transcription error
189	20	change "Do" to "Does"	transcription error
190	1-2	change "report passes 3X at the" to "report says Stage 3 at the"	transcription error
190	8	change "X times the fall count" to "at this time his antral follicle count"	transcription error
190	9-10	change "and breast for" to "and his breasts were"	transcription error
191	20	change "menstraul" to "menstrual"	transcription error
192	4-5	change "'Persky finding was that a few youth, 20 percents," to "Persky's finding was that 'few youth, 20 percent,"	transcription error
192	7	change "children and" to "children or"	transcription error
192	10	change "fertile" to "fertility"	transcription error
192	16	change "dysphoria" to "dysphoric"	transcription error
192	21	change "have" to "are"	transcription error
193	5	change "animates" to "gametes"	transcription error
193	14	change "teacher" to "future"	transcription error
196	16	change "has the same" to "has same"	transcription error
196	19	change "is" to "are"	transcription error

198	14	change "topic, that" to "topic, not that"	transcription error
199	10	change "Do" to "Does"	transcription error
200	3	change "adulthood?" to "adulthood."	transcription error
201	20	change "resolve" to "result"	transcription error
201	23	change "are offering" to "are you offering"	transcription error